

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO. 5659-08200  
APPLICANT: de Rouffignac et al.  
FILING DATE: April 24, 2001

SERIAL NO. 09/841,302  
GROUP: 3673

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS   | REF. DES. | DOCUMENT NUMBER   | DATE       | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES/NO |
|--|-----------|---|------------|---------|-------|-----------|--------------------|
| da   | T01       | 1836876   | 12/30/1994 | SU      |       |           | Y                  |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) |           |   |            |         |       |           |                    |
| ru   | T02       | Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate" January 27, 1995, (23 pages).  |            |         |       |           |                    |
|  | T03       | Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).   |            |         |       |           |                    |
|  | T04       | Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).   |            |         |       |           |                    |
|  | T05       | Cummins et al. "Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).                      |            |         |       |           |                    |
|  | T06       | Cook, et al. "The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).              |            |         |       |           |                    |
|  | T07       | Hill et al., "The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..                       |            |         |       |           |                    |
|  | T08       | Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20). |            |         |       |           |                    |
|  | T09       | De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).  |            |         |       |           |                    |
|  | T10       | Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).        |            |         |       |           |                    |
|  | T11       | Hill et al. "Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).  |            |         |       |           |                    |
|  | T12       | Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).   |            |         |       |           |                    |
|  | T13       | SSAB report, "A Brief Description of the Ljungstrom Method for Shale Oil Production," 1950, (12 pages).   |            |         |       |           |                    |
|  | T14       | Salomonsson G., SSAB report, "The Lungstrom In Situ-Method for Shale Oil Recovery, 1950 (28 pages)  |            |         |       |           |                    |
| da   | T15       | "Swedish shale oil-Production method in Sweden," Organisation for European Economic Co-operation, 1952, (70 pages).   |            |         |       |           |                    |
| *  | T16       | SSAB report, "Kvarn Torp" 1958, (36 pages).   |            |         |       |           |                    |
| *  | T17       | SSAB report, "Kvarn Torp" 1951 (35 pages).  |            |         |       |           |                    |
| da   | T18       | SSAB report, "Summary study of the shale oil works at Narkes Kvarntorp" (15 pages).   |            |         |       |           |                    |
| da   | T19       | Vogel et al. "An Analog Computer for Studying Heat Transfer during a Thermal Recovery Process," AIME Petroleum Transactions, 1955 (pages 205-212).                                      |            |         |       |           |                    |
| *  | T20       | <del>"SKIFFEROLJA GENOM LUPPVARMINING AV SKIFFERBERGET," Faxin Department och Nander, 1941, (3 pages)</del>   |            |         |       |           |                    |
| *  | T21       | <del>"Aggregeringens orsaker och ransonerings grunder", Av director E.F.Cederlund I Statens livsmedelskommission (1 page).</del>  |            |         |       |           |                    |
| da   | T22       | Ronnby, E. "KVARNTORP-Sveriges Storsa skifferoljeindustri," 1943, (9 pages)   |            |         |       |           |                    |
|  | T23       | SAAB report, "The Swedish Shale Oil Industry," 1948 (8 pages).  |            |         |       |           |                    |
|  | T24       | Gejrot et al., "The Shale Oil Industry in Sweden," Carlo Colombo Publishers-Rome, Proceedings of the Fourth World Petroleum Congress, 1955 (8 pages)                                    |            |         |       |           |                    |
|  | T25       | Hedback, T. J., The Swedish Shale as Raw Material for Production of Power, Oil and Gas," Xith Sectional Meeting World Power Conference, 1957 (9 pages)                                  |            |         |       |           |                    |
| k  | T26       | SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand", 1955 Vol. 1,   |            |         |       |           |                    |

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DATE CONSIDERED: 1/7/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

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GROUP: 3673

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|   |     |  |
|---|-----|--|
|   |     | (141 pages) English  |
| ✓ | T27 | SAAB, "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Figures", 1955 Vol. 2, (146 pages) English.                             |
|   | T28 | "Santa Cruz, California, Field Test of the Lins Method for the Recovery of Oil from Sand-Membrane: tests", 1955 Vol. 3, (256 pages) English.                           |
|   | T29 | Helander, R.E., "Santa Cruz, California, Field Test of Carbon Steel Burner Casings for the Lins Method of Oil Recovery", 1959 (38 pages) English.                      |
|   | T30 | Helander et al., Santa Cruz, California, Field Test of Fluidized Bed Burners for the Lins Method of Oil Recovery, 1959, (86 pages) English.                            |
|   | T31 | SSAB report, "Bradford Residual Oil, Athabasa Ft. McMurray" 1951, (207 pages), partial translation.  |
| ✓ | T32 | "Lins Burner Test Results-English" 1959-1960.  |
| * | T33 | SSAB "Annual Reports, SSAB Laboratory, Address Annually Issues-Shale and Ash, Oil, Gas, Waste Water, Analytical", 1953-1954, (166 pages). Swedish                      |
|   | T34 | SSAB report, "Financial Matter, Swedish taxes, etc.", 1960-1961 (37 pages). Swedish  |
|   | T35 | SSAB report, "Cost For Mining," 1959-1979 (13 pages). Swedish  |
|   | T36 | SSAB report, "Cost Comparison of Mining and Processing of Shale and Dolomite Using Various Production Alternatives", 1960, (64 pages). Swedish                         |
| ✓ | T37 | SSAB report, "Assessment of Future Mining Alternatives of Shale and Dolomite," 1962, (59 pages) Swedish.   |
| * | T38 | SSAB report, "Kartong 2 Shale: Ljungströmsanläggningen" (104 pages) Swedish.   |
| ✓ | T39 | SAAB, "Photos", (18 pages)   |
| * | T40 | SAAB report, "Swedish Geological Survey Report, Plan to Delineate Oil shale Resource in Narkes Area (near Kvarntorp)," 1941 (13 pages). Swedish.                       |
|   | T41 | SAAB report, "Recovery Efficiency," 1941, (61 pages). Swedish.   |
|   | T42 | SAAB report, "Geologic Work Conducted to Assess Possibility of Expanding Shale Mining Area in Kvarntorp; Drilling Results, Seismic Results," 1942 (79 pages). Swedish. |
|   | T43 | SSAB report, "Ojemattigar vid Norrtorp," 1945 (141 pages).   |
|   | T44 | SSAB report, "Inhopplingschema, Norrtorp II 20/3-17/8", 1945 (50 pages). Swedish.  |
|   | T45 | SSAB report, "Maps and Diagrams, Geology," 1947 (137 pages). Swedish.  |
|   | T46 | SSAB report, "Styrehsephotoholl," 1943 (10 pages). Swedish.  |
|   | T47 | SSAB report, "Early Shale Retorting Trials" 1951-1952, (134 pages). Swedish.   |
|   | T48 | SSAB report, "Analysis of Ljunstrom Oil and its Use as Liquid Fuel," Thesis by E. Pals, 1949 (83 pages). Swedish.  |
|   | T49 | SSAB report, "Secondary Recovery after LINS," 1945 (78 pages)  |
|   | T50 | SSAB report, "Environmental Sulphur and Effect on Vegetation," 1951 (50 pages). Swedish.   |
|   | T51 | SSAB report, "Tar Sands", Vol. 35 1953 (20 pages, pages 12-15 translated). Swedish.  |
|   | T52 | SSAB report, "Assessment of Skanes Area (Southern Sweden) Shales as Fuel Source," 1954 (54 pages). Swedish.  |
|   | T53 | SSAB report, "From as Utre On Text Geology Reserves," 1960 (93 pages). Swedish.  |
| * | T54 | SSAB report, "Kvarntorps-Environmental Area Assessment," 1981 (50 pages). Swedish.   |

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DATE CONSIDERED:

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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT


Electronic Version v18

Stylesheet Version v18.0

| Title of Invention  | IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION USING HEAT SOURCES POSITIONED WITHIN OPEN WELLBORES |            |            |               |      |       |          |
|---|--|------------|------------|---------------|------|-------|----------|
| <div>Application Number: 09/841302</div> <div>Confirmation Number: 4731</div> <div>First Named Applicant: Eric de Rouffignac</div> <div>Attorney Docket Number: 5659-08200</div> <div>Art Unit: 3673</div> <div>Examiner: John J. Kreck</div> <div>Search string: ( 4931171 or 4737267 or 4384948 or 3593790 or 3497000 or 3244231 or 3223166 or 3947656 or 3165154 or 4458757 or 2857002 ).pn.</div> <div></div> <div><b>RECEIVED</b><br/>OCT 27 2003<br/><b>GROUP 3600</b></div> |  |            |            |               |      |       |          |
| <b>US Patent Documents</b>  |  |            |            |               |      |       |          |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents   |  |            |            |               |      |       |          |
| init  | Cite.No.   | Patent No. | Date       | Patentee      | Kind | Class | Subclass |
| <input checked="" type="checkbox"/>   | 1  | 4931171    | 1990-06-05 | Piotter       |      |       |          |
| <input type="checkbox"/>  | 2  | 4737267    | 1988-04-12 | Pao et al.    |      |       |          |
| <input type="checkbox"/>  | 3  | 4384948    | 1983-05-24 | Barger        |      |       |          |
| <input type="checkbox"/>  | 4  | 3593790    | 1971-07-20 | Herce         |      |       |          |
| <input type="checkbox"/>  | 5  | 3497000    | 1970-02-24 | Hujsak et al. |      |       |          |
| <input type="checkbox"/>  | 6  | 3244231    | 1966-04-05 | Grekel et al. |      |       |          |
| <input type="checkbox"/>  | 7  | 3223166    | 1965-12-14 | Hunt et al.   |      |       |          |
| <input type="checkbox"/>  | 8  | 3947656    | 1976-03-30 | Lodi          |      |       |          |
| <input type="checkbox"/>  | 9  | 3165154    | 1965-01-12 | Santourian    |      |       |          |
| <input type="checkbox"/>  | 10   | 4458757    | 1984-07-10 | Bock et al.   |      |       |          |
| <input checked="" type="checkbox"/>   | 11   | 2857002    | 1958-10-21 | Pevere et al. |      |       |          |
| <b>Remarks</b>  |  |            |            |               |      |       |          |
| Note: Remarks are not for responding to an office action.   |  |            |            |               |      |       |          |

This IDS is part of a request for continued examination.

Signature

|   |        |
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| Examiner Name   | Date   |
|  | 1/7/04 |